

## ABSTRACT OF THE DISCLOSURE

A card authenticity judging apparatus includes a light projecting system for projecting a laser measurement light Q1 toward hologram which is provided on surface of a card 1 and on which an image 4' based on a grating pattern 3 is formed, 5 a Fourier transform lens 27 for forming grating pattern image on a light receiving section 28 on the basis of reflected diffraction luminous flux of being reflected from the hologram, and a judging means 30' for judging authenticity of the card 1 based on photoelectric output from the light receiving section 28, in which authenticity of the card 1 is made to judge depending on grating pattern image based on reflected 10 diffraction light.